

S2 Fig: Bio Layer Interferometry analysis of the affinity of 514G3 to SpA domain variants: Sensograms showing the relative binding of 514G3 to SpA, MabSelect and MabSelect SuRe ligands. 5 μ g/ml of biotinylated antibody was loaded onto streptavidin sensors, and binding response signals at antigen concentrations of 20-0.625 nM (for WT SpA and MabSelect SuRe) or 200-0.625nM (for MabSelect SuRe) was recorded. The data was aligned at the y-axis using the baseline and smoothed by Savitzky-Golay filtering. The equilibrium constant (K_D) was calculated from the observed K_a and K_d using the device accompanied data analysis software.

